

The 50 MHz DX Bulletin

Volume 8, Issue 1

January 1997

ISSN 1073-1024

The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

Sunspot Minimum May 1996?

The January 14 NOAA Preliminary Report and Forecast of Solar Geophysical Data listed smoothed sunspot numbers (RI) of 8.6 centered on April 96, 8.1 on May, and 8.6 on June. The lowest smoothed sunspot indices number for the previous cycle (21) was RI=12.3 (September 1986). WA5QCP comments, "Smoothed SSN up to 9 for Jun '96. Also looks like 9 for July '96 based on solar flux so far this month."

Fieldhunter's List Info

SM5INC is the keeper of lists of standings of grid fields worked by radio amateurs on VHF. Compiled quarterly since 1982, the list shows the situation on March 31, June 30, September 30 and December 31 at 2400 UTC. This 50 MHz list is from one (VHF) of four sponsored by the Swedish Sending Amateurs. The others are HF (part I and II), and UHF/SHF. Johnny posts on the Internet lists quarterly for each VHF/UHF/SHF amateur band, including 70 MHz and 900 MHz.

The 50 MHz standings as of December 31, 1996 appear to the right of this column. In the list, the columns are: Position on list; Callsign; The station's own field; Number of fields worked; and Date last updated.

Readers are reminded that a grid field is a block of 10° latitude by 20° longitude, and is the first two letters of a grid square as determined by the Maidenhead Locator System. A world map showing the 324 fields can be found in "The Radio Amateur's World (Locator) Atlas", that normally should be available at your national amateur radio society.

Please send your info as soon as possible to SM5INC, Johnny Ryden, Rombergsgatan 39, S-745 33 Enköping, SWEDEN. Phone +46-17127883. Packet SM5INC @ SK5BB.#AROS.U.SWE.EU. E-mail: jr@abc.se

RULES:

1. All fields must have been worked via passive reflectors.
2. All stations involved must be on the earth's surface.
3. QSL cards are not required if you are certain that the other station considers the QSO to have been completed.
4. All QSOs must have been worked from points within a circle of 1000 km radius.
5. There is no starting date for contacts to be eligible.

Fieldhunter's List

50 MHz Standings as of December 31, 1996

by Johnny Ryden, SM5INC

| Rank | Call | Field | Fields | YMM | Rank | Call | Field | Fields | YMM |
|------|----------|-------|--------|------|------|-----------|-------|--------|------|
| 1 | JA1VOK | QM | 112 | 9309 | 82 | SM7JUQ | JO | 31 | 9506 |
| 2 | JA6RJK | PM | 93 | 9302 | | W6YLL | CM | 31 | 9503 |
| 3 | JA6TEW | PM | 88 | 9204 | 84 | PA0ION | JO | 30 | 9501 |
| | NI6E/KH6 | BK | 88 | 9205 | 85 | YO7VS | KN | 29 | 9611 |
| 5 | WA6BYA | CM | 86 | 9511 | 86 | PA3GML | JO | 28 | 9507 |
| 6 | PY5CC | GG | 82 | 9503 | | VK3ALM | QF | 28 | 9508 |
| 7 | GJ4ICD | IN | 76 | 9608 | 88 | ES6QB | KO | 27 | 9510 |
| 8 | W5OZI | EM | 74 | 9405 | | VE7SKA | CN | 27 | 9608 |
| 9 | K5AM | DM | 72 | 9606 | 90 | KB6NAN | CM | 26 | 9607 |
| 10 | SV1DH | KM | 71 | 9408 | | OZ1IZB | JO | 26 | 9410 |
| | WA1OUB | FN | 71 | 9601 | | VE6XT | DO | 26 | 9607 |
| 12 | VK4APG | QG | 70 | 9612 | | Z23JO | KH | 26 | 9608 |
| | W4DR | FM | 70 | 9602 | 94 | SM7NNJ | JO | 25 | 9406 |
| 14 | K1TOL | FN | 69 | 9503 | | WB7QBS | CN | 25 | 9609 |
| | NOLL | EM | 69 | 9408 | 96 | GJ3RAX | IN | 24 | 9609 |
| | N5JHV | DM | 69 | 9605 | | OZ1IEP | JO | 24 | 9510 |
| 17 | SM7FJE | JO | 68 | 9505 | 98 | DL3YEE | JO | 23 | 9504 |
| | TI2NA | EJ | 68 | 9503 | 99 | DL8EBW | JO | 22 | 9404 |
| | VK3OT | QF | 68 | 9612 | | N0HJZ | EN | 22 | 9607 |
| 20 | K0US | EN | 67 | 9405 | | SM4POB | JP | 22 | 9606 |
| | ON4KST | JO | 67 | 9507 | 102 | G6MXL | IO | 21 | 9411 |
| 22 | G3WOS | IO | 66 | 9512 | | KL7GLL/W4 | FM | 21 | 9509 |
| 23 | G4UPS | IO | 65 | 9610 | | N5HHS | EL | 21 | 9609 |
| | SM7AED | JO | 65 | 9507 | | NL7XM | FN | 21 | 9507 |
| 25 | G4IGO | IO | 64 | 9608 | 106 | ES5MC | KO | 20 | 9510 |
| | PA3BFM | JO | 64 | 9606 | | OH1AJ | KP | 20 | 9507 |
| | SM7BAE | JO | 64 | 9507 | | WA9PWP | EN | 20 | 9611 |
| 28 | DL7AV | JN | 62 | 9610 | 109 | DL3AMA | JO | 18 | 9503 |
| 29 | KH6HH | BL | 61 | 9505 | | DL5BBL | JO | 18 | 9507 |
| | PA0RDY | JO | 61 | 9412 | | EI7GL | IO | 18 | 9604 |
| | W3EP | FN | 61 | 9601 | 112 | ON4FZ | JO | 17 | 9409 |
| 32 | JM1SZY | PM | 59 | 9609 | | PE1EBJ | JO | 17 | 9603 |
| 33 | K1GPJ | FN | 59 | 9503 | | PE1OGF | JO | 17 | 9611 |
| | S59A | JN | 59 | 9404 | | SM5NVF | JO | 17 | 9605 |
| 35 | G0JHC | IO | 58 | 9507 | | WB8RUQ | EN | 17 | 9606 |
| | WB8YFE | EN | 58 | 9507 | 117 | DL1EJA | JO | 16 | 9611 |
| 37 | W7HAH | DN | 57 | 9610 | | DL7ANR | JO | 16 | 9604 |
| | WB4DBB | FM | 57 | 9507 | | G4DCJ | JO | 16 | 9608 |
| 39 | G3OIL | IO | 56 | 9611 | | G8DCJ | IO | 16 | 9509 |
| | OZ3ZW | JO | 56 | 9411 | | KD4GVW | EM | 16 | 9505 |
| | WA5IYX | EL | 56 | 9508 | 122 | ES1CW | KO | 15 | 9510 |
| 42 | K0TLM | EM | 55 | 9508 | | ES5RY | KO | 15 | 9510 |
| | W0KEA | DM | 55 | 9509 | | G4MJS | IO | 15 | 9506 |
| | W3ZZ | FM | 55 | 9601 | | N7YAP | DN | 15 | 9605 |
| 45 | WA1AYS | FN | 53 | 9408 | | SM3VEE | JP | 15 | 9610 |
| 46 | G4IFX | IO | 52 | 9510 | | SM6MPA | JO | 15 | 9508 |
| | I5MXX | JN | 52 | 9504 | | XE1AVM | DK | 15 | 9612 |
| | PA3FYM | JO | 52 | 9410 | 129 | ES5DE | KO | 14 | 9510 |
| | WA2TEO | FN | 52 | 9604 | | G8CDW | JO | 14 | 9511 |
| 50 | DJ3TF | JN | 51 | 9601 | | KB0MJD | DN | 14 | 9602 |
| | KE7CX | CN | 51 | 9605 | | N8ZJN | EM | 14 | 9611 |
| | ZS6WB | KG | 51 | 9405 | 133 | K0RZ | DM | 13 | 9501 |
| 53 | PA2TAB | JO | 49 | 9502 | | N0WVU | DM | 13 | 9607 |
| 54 | I0CUT | JN | 48 | 9504 | | WA1ECF | FN | 13 | 9611 |
| | PE1LCH | JO | 48 | 9607 | 136 | ES2RW | KO | 12 | 9510 |
| | WA5QCP | DM | 48 | 9509 | | ES5QA | KO | 12 | 9510 |
| 57 | K6EID | EM | 47 | 9508 | | ES6PZ | KO | 12 | 9510 |
| | W3IWU | FN | 47 | 9412 | | OH2BNH | KP | 12 | 9407 |
| | ZL3AAU | RE | 47 | 9508 | 140 | KO6ET | DM | 11 | 9508 |
| 60 | G4HBA | IO | 46 | 9502 | | SM5INC | JO | 11 | 9403 |
| | K6FV | CM | 46 | 9509 | 142 | ES0SM | KO | 10 | 9510 |
| 62 | KY5N | EM | 44 | 9612 | | KB0QDK | DN | 10 | 9602 |
| | W3OTC | FM | 44 | 9602 | | OZ1CJX | JO | 10 | 9602 |
| | W9JUV | EN | 44 | 9611 | | PE1MJR | JO | 10 | 9409 |
| 65 | N5BBO | EL | 43 | 9606 | | SM5PPS | JO | 10 | 9507 |
| | S59F | JN | 43 | 9608 | 147 | ES1II | KO | 9 | 9510 |
| | VK6HK | OF | 43 | 9510 | | ES5PC | KO | 9 | 9510 |
| 68 | K9LCR | EN | 42 | 9601 | | SM4HEJ | JO | 9 | 9602 |
| 69 | N5HHS | EM | 40 | 9609 | | VE2PIJ | FN | 9 | 9607 |
| | SM3EQY | JP | 40 | 9508 | | XE1KK | EK | 9 | 9601 |
| 71 | K0CJ | EN | 39 | 9602 | 152 | ES2RJ | KO | 8 | 9510 |
| 72 | SM0KAK | JO | 38 | 9608 | | NH6YK | BL | 8 | 9601 |
| 73 | N8NQS | EN | 37 | 9502 | | OZ2AEV | JO | 8 | 9606 |
| 74 | KA7MCX | CN | 36 | 9609 | 155 | NH6YK/KH4 | AL | 7 | 9601 |
| | KH2CY | FM | 36 | 9610 | 156 | SM5KUX | JO | 6 | 9506 |
| | OZ5IQ | JO | 36 | 9508 | 157 | ES1AW | KO | 5 | 9510 |
| 77 | GW6VZW | IO | 35 | 9605 | | ES1HW | KO | 5 | 9510 |
| | K8UNV | EM | 35 | 9508 | | ES2XM | KO | 5 | 9510 |
| 79 | OH1LEU | KP | 34 | 9506 | | | | | |
| 80 | OH5IY | KP | 32 | 9408 | | | | | |

December 96-January 1997 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's columns *World VHF News* in FIVE NINE and *V,UHF DX Topics* in MOBIL HAM, VK3OT, ZL1MQ, XE2HWB, XE1KK, VE7SKA, SP5XMU, K6QXY, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1996, unless the month is 01 (then it is 1997). A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, A=Baby room monitor, B=beacon, C=CW, D=Digital, P=Cordless Phone, S=SSB, T=Television, W=mode not mentioned, H=heard only.

Reports of Africa

BURUNDI: GJ4ICD (via SM7AED) writes that 9U5DX (ex FIFHI) has 10W to a dipole (on 6).

GHANA: SM7AED writes that 9G1YR has a FT736. "No time fixed."

NAMIBIA

12151425 V51VHF -1435 50.0185 B ZR1EV

REUNION IS.: SM7AED writes to look for Yvon, FR1GZ, who has 10W to a 5el Yagi.

UGANDA: DX reports indicate that Gus, 5X1D will return to Uganda the end of January and will try 2m EME with 500W and 17 el Yagi in addition to his usual 6m activities.

SOUTH AFRICA

12170755 ZR6MD -0820 ZR1EV
12170755 ZR6PVW -0820 ZR1EV
12170755 ZS6DN -0820 50.050 B ZR1EV
12170755 ZS6TWB -0820 B ZR1EV

Reports of Asia

ASIA, GENERAL

12250330 ASIAN 51 SLOW QSB 49.750 V VK3OT
12250425 ASIAN TV PAL BS N 55.250 V VK3OT
12270430 ASIAN VID Es/TEP 49.750 V VK3OT
01122300 ASIAN VID 48.2396/2400 V VK3OT
01150436 ASIAN TV Weak 539 49.750 V VK3OT
01180500 ASIAN V 539 49.7500 V VK3OT
01180500 ASIAN V 539 49.7502/.7508 V VK3OT
01180500 ASIAN V 559 49.7467/.7484 V VK3OT
01180515 ASIAN V 559 49.7520 V VK3OT
01180515 ASIAN V 559 drift 49.7483 V VK3OT
01180535 ASIAN V 559 49.750/49.7487 V VK3OT
01200800 ASIAN TV 48.2396/48.2496 V VK3
01200800 ASIAN TV > QF12 48.2500 V VK3
01200830 ASIAN TV E2 48.2402 V VK1RX
01200836 ASIAN TV E2 48.2400 V VK3AMK
01200845 ASIAN TV ES 48.2490 V VK3OT
01200845 ASIAN TV weak 48.2496/2502 V VK3OT
01200853 ASIAN TV vy weak 49.7502 V VK3OT
01200900 ASIAN TV vy strong 48.2409 V VK3OT
01200915 ASIAN TV < 1000 49.7504 V VK3OT
01200930 ASIAN TV 339 NW 49.7504 V VK3OT

CHINA

12260415 BY-TV 559 49.750 V VK3OT
12260530 BY-TV 599 49.7491/49.7464 V VK3OT
12260530 BY-TV 599+ 49.7506 V VK3OT
01180450 BY-TV 559 49.7508 V VK3OT

MALDIVES IS.: SM7AED writes to look for 8Q7QQ, operated by Pierre, HB9QQ, in "Spring 1997."

JAPAN

12141500 JA7 (3), JA8 -1700 50.150 H JR3HED
12150457 JA2IGY >RF70 50.010 B ZL2TPY
12280823 JA6IFK (PM52) (Es) 50.200 S JA1VOK
12280825 JN6MYH (PM53) (Es) 50.163 S JA1VOK
12280830 JO6EXF (PM52) (Es) 50.240 S JA1VOK
12280837 JL6STG (PM51) (Es) 50.248 S JA1VOK
12280841 JA6HLR (PM51) (Es) 50.207 S JA1VOK
01020900 JA6YBR PM51 -1100 50.017 B VR6VE
01110220 JR6YAG (PL36) 50.037 B JA1VOK
01120847 JR6YAG 50.037 B JA1VOK
01150316 JA2IGY 55 50.009 B VK3
01150349 JA3JTG 53 clg CQ 50.111 H VK3OT
01150353 JA5CMO 539 VK3OT
01150405 JA3JTG 539 PM75 Kazu 50.110 C VK3OT
01150418 JF2HEV 549 50.111 H VK3OT

KOREA,S.

11230823 HL1LTC 50.110 S JE2XBY
12250822 HL1LTC 50.110 H JA2+
12250822 HL1LTC >PM85 50.110 H JE2DWZ
01110125 HL1LTC (PM37) 50.110 S JA1VOK
01110302 DS1BJU (PM37) 51.020 F JA1VOK

MALAYSIA, GENERAL

12260500 9M-TV 559 48.2496/48.2500 V VK3OT
12260545 9M-TV to Adelaide 48.250 V VK5LP/ZLX
12260600 9M-TV 599+ 310° 48.25/.2502 V VK3OT
01122300 9M Video 539 48.2402 V VK3OT
01180240 9M-TV 339 48.2396/48.2400 V VK3OT
01180330 9M-TV 339-319 DSP 48.2396 V VK3OT
01180500 9M-TV 319 DSP 48.2496 V VK3OT

RUSSIAN FEDERATION (ASIA)

12150457 UA0 chl 49.75 V ZL2TPY
12270521 UA-TV 559 Vladivost. 49.750 V VK3OT
01150245 UA-TV 59 Sakhalin Is 49.750 V VK3OT
01180450 UA-TV 559 49.7496 V VK3OT
01180547 UA-TV 339 Moscow? 49.7475/+ V VK3OT
01180547 UA-TV? 579 SECAM 49.7467 V VK3OT
01180615 UA-TV? 319 49.7502 V VK3OT
01180615 UA-TV? 320° 599 SECAM 49.7467 V VK3OT
01200700 UA-TV R1 49.747 V VK3OT

TAIWAN

12030418 BV2FG/B 50.001 B JE2XBY

Reports of Europe

BELGIUM

01201100-ON S GM3JIJ

DENMARK

01201100-OZ S GM3JIJ

ENGLAND

12020850 G4UPS IO80 > JO65 MS SM7AED
12030850 G4UPS, 0855 G3CCH IO93 MS SM7AED
12040850 G4UPS, 0858 G3CCH MS SM7AED
12050548 G3CCH IO93 > JO65 MS SM7AED
12070848 G4UPS, 0856 G3CCH MS SM7AED
12080820 G4UPS, 0826 G3CCH MS SM7AED
12130852 G4UPS, 0856 G3CCH MS SM7AED
12160855 G3CCH MS SM7AED
12170858 G3CCH MS SM7AED
12190548 G3CCH MS SM7AED
12200848 G4UPS, 0858 G3CCH MS/SCAT SM7AED
12220828 G4UPS MS SM7AED
12250854 G4UPS, 0858 G3CCH MS SM7AED
12260550 G3CCH MS SM7AED
12270850 G4UPS, 0900 G3CCH (H) MS SM7AED
12280858 G4UPS, 0900 G3CCH MS S SM7AED

GERMANY

01201100-DL

S GM3JIJ

GREECE

01191700 SV1OH 559

H SP5XMU

01191700 SV1SIX 559

B SP5XMU

ITALY

12132112 IW5BML > JO65 MS

SM7AED

01191700 I

H SP5XMU

NETHERLANDS

01201100-PA

S GM3JIJ

POLAND

12132151 SP2NJE > JO65 MS

SM7AED

12132200 SP7DSB JO9 > JO65 MS

SM7AED

01201100-SP

S GM3JIJ

PORTUGAL

0119XXXX CS1ASP

50.030 B G0JHC

SCOTLAND

01101630 GB3LER 51A > IO85JV 50.064 B GM0WDD

SERBIA

12130852+YT1AU KNP4 > JO65 MS

SM7AED

SWEDEN

12132100 SM5GJB JP80 > JO65 MS

SM7AED

12220834 SM3BIU JP73 > JO65 MS

SM7AED

Reports of North America

This month's TV and FM DX reports via Es were submitted by Pat Dyer, WA5IYX, San Antonio, TX and Danny Oglethorpe, Shreveport, LA.

CANADA

12232225-VE1PYE > FN12LF

H WA2BPE

01070415 VE6 DO33 > DO31 AU 50.125

VE6EKP

01110703 VE4

VE9AA

GUATEMALA

12260042 TG? Guatemala C 94.9 91.9 F WA5IYX

MEXICO

10231832 XHBC 3 BCN Mexicali 1022 T WA5IYX
 11020032 XE1KK 599 EK09 > EK44 TG9SO
 11060115 XE1KK 559 EK09 > EM21 TX WA5JCI
 11060117 XE1KK EK09 > K6YK
 11060117 XE1KK EK09 > DM43 AZ W7RV
 11080000 XE1KK 599 EK09 > EJ79 TI2NA
 11272315 XE1KK 599 EK09 > EJ79 TI2NA
 12020101 XHIXG 2 GR Ixtapa 835 T WA5IYX
 12080100 XE1KK 599 EK09 > EM48 MO WA0KBZ
 12092020 unIDs 2,4 XEW, TV Azteca T OGLETHORPE
 12092132 XHI 2 CI Torreon 700 T WA5IYX
 12092150 XHBS 4 SI/SO XEW T OGLETHORPE
 12100005 XHBC 3 BCN Mexicali 1022 T WA5IYX
 12100030 XEHVt 2 Hard to read T OGLETHORPE
 12100054 XE1KK 559 EK09 > DM43 AZ W7RV
 12100235 unIDs 2,4 XEW, et.al. T OGLETHORPE
 12100305 unID 5 Mexico T OGLETHORPE
 12110248 XE1KK 599 EK09 > DM07 N7STU
 12111019 XE1KK 599 EK09 > EM12 N5LUI
 12111034 XE1KK 559 EK09 > EM48 MO WA0KBZ
 12111900 unIDs 2 Mexico T OGLETHORPE
 12111900 XHATU 5 JAL XHGC-5 1000 T OGLETHORPE
 12111900 XHG 4 JAL Guadalaj. 1003 T OGLETHORPE
 12111935 XHPVE 4 JAL Vallarta 1080 T OGLETHORPE
 12112043 XE1KK 599 EK09 > EL09 TX W5VY
 12112105 XHFM 2 VER 1243 T OGLETHORPE
 12112135 XHP 3 PU Puebla 715 T WA5IYX
 12112152 XHAP 2 GU Acapulco 870 T WA5IYX
 12112227 XHHN 2 ?? T WA5IYX
 12112323 XE1KK 599 EK09 > EJ70 TI2JHQ
 12112327 XE1KK 559 EK09 > DM93 TX WD5BST
 12120010 XE1KK 519 EK09 > GG54 PY5CC

12120011 XE1KK 599 EK09 > EJ79 TI2NA
 12120012 XE1KK 599 EK09 > TX WD5K
 12120141 XE2OR DL98 NAVA COAH50.125 S XE1AVM
 12120220 XE1KK 599 EK09 > DL98 COA XE2OR
 12120300 XHFM 2 VER 1243 T OGLETHORPE
 12120324 XHG 4 JAL 1080 T OGLETHORPE
 12140005 unIDs 2,4,5 Mexico T OGLETHORPE
 12140030 XHLEG 4 Guanajuato 916 T OGLETHORPE
 12140045 XEWO 2 JAL 1003 T OGLETHORPE
 12140045 XHG 4 JAL 1003 T OGLETHORPE
 12140158 XHFM 2 VER 1243 T OGLETHORPE
 12150004 XE1KK 599 EK09 > EL49 LA W5UUD
 12150015 XHFB 2 VER 1243 T OGLETHORPE
 12150043 unID 6 CanalTrece T OGLETHORPE
 12150101 XE1KK 599 EK09 > DM43 AZ W7RV
 12150105 XE1KK 599 EK09 > EM12 TX W5RWU
 12150120 XHG 4 JAL 1003 T OGLETHORPE
 12150147 XE1KK 599 EK09 > EM25 K5CM
 12150230 XE1KK 599 EK09 > EM14 OK K52XE
 12151748 XE1KK EK09 > DM43 AZ AA7A
 12160123 XHBC 3 BCN Mexicali 1022 T WA5IYX
 12160129 unID 2 TV7; S T OGLETHORPE
 12160324 XE1KK EK09 > DM43 AZ W7RV
 12170258 XE1KK EK09 > DM43 AZ W7RV
 12201654 XE1KK 579 EK09 > DM62 NM N5JHV
 12201729 XHBC 3 BCN Mexicali 1022 T WA5IYX
 12252115 unID 2,3 SW - Mexico T WA5IYX
 12252307 X? Acapulco 103.9 F WA5IYX
 12252315 X? Acapulco 93.7, 97.7 F WA5IYX
 12252342 X? Acapulco 96.9, 94.5 F WA5IYX
 12252347 X? Acapulco 99.3 F WA5IYX
 12260000 X? Chiapas? 89.5 F WA5IYX
 12240042 XE1KK EK09 > DM43 AZ AA7A
 12240200 XE1KK 599 EK09 > DK89 COL XE1J
 12242345 XE1KK 579 EK09 > EK08 MEX XE1/VE7QRZ
 12252300 XE1KK EK09 > EL09 TX WA5IYX
 12252331 XE1KK EK09 > EM12 TX KY5N
 12252358 XE1KK 579 EK09 > DM62 NM N5JHV
 12260015 XE > EM21 WA5JCI
 12260016 XE1J WA5IYX
 12260117 XE1DDD WA5IYX
 12260148 XE1/VE7KRZ TOLUCA > DL44 H XE2HWB
 12260220 XE2EED DM12 W N7EIJ
 12301744 XE2EED ROMAN DM12 50.125 W W0MTK

United States, W1,2,3

12120113 KA3VLG > DK39 50.125 S XE1AVM
 12291540 W3/4 FM17,18,19 W CO2OJ
 01082245 W3 > EM21 -0015 WA5JCI
 01090000 W2 FN30, FN20 > EM48 WA0KBZ
 01090000 W3/4 FM18 > EM48 WA0KBZ

United States, W4

11052315 WBTW 3 NC Charlotte 1090 T WA5IYX
 11052326 WSB 2 GA Atlanta 886 T WA5IYX
 12100045 WPBT 2 FL 939 T OGLETHORPE
 12101900 WCBT 2 SC Charlesto 1139 T WA5IYX
 12102355 WEHSt 2 FL T OGLETHORPE
 12102355 WPBT 2 FL 939 T OGLETHORPE
 12120207 W4/N2VC EM66 > DK39 50.125 S XE1AVM
 12130025 WESH 2 FL 789 T OGLETHORPE
 12130045 WJXT 4 FL 728 T OGLETHORPE
 12130050 WPBT 2 FL 939 T OGLETHORPE
 12130055 WFOR 4 FL 939 T OGLETHORPE
 12130055 WPTvt 5 FL T OGLETHORPE
 12130059 WCBT 2 SC Charlesto 1139 T WA5IYX
 12140028 WEDU 3 FL Tampa 994 T WA5IYX
 12160200 WESht 2 FL NBC T OGLETHORPE
 12160225 WPBT 2 FL 939 T OGLETHORPE
 12201353 WSAV 3 GA Savannah 1040 T WA5IYX
 12201429 WCBT 2 SC Charlesto 1139 T WA5IYX
 01051700-KE4SIX EM83 > FN65 50.078 B VE9AA
 01051700-W4 EM83, FM06 > FN65 VE9AA
 01060005 W4 > EM21 WA5JCI
 01111700 W4 EM90 > EM48 K0AZ
 01111800 W4 > EM21 -1900 WA5JCI
 01111925 W4 FL > MI EM70>EN74 .125 N8CGY
 01111937 W4 S.FL > NJ FN21 N2QXF
 01112130 WA4CHA EL88 > FM29 144 K3GNC
 01112135 WA4CHA EL88 > FN31MP 144 WZ1V
 01112140 KD4ZAT EL99 > FN31MP 144 WZ1V
 01112144 WA4LOX EL87 > FN31MP 144 WZ1V

01112145 WB4JEM EL89 > FN31MP 144 WZ1V
 01120107 KF4JZH EM92 > EM48 WAOKBZ
 01120112-WA4KXY EM84 > EM48 WAOKBZ
 01120117-KJ4E EL98 > EM48 WAOKBZ
 01120122 WA4GLB EM92 > EM48 MO WAOKBZ
 01120223 W4/WB2QLP EL96 > EM48 C WAOKBZ
 01120223-W4/W2VDI EL86 > EM48 C WAOKBZ
 01120223-W4/W3BTX EL98 > EM48 C WAOKBZ
 01122130 WA4LOX EL87 > FM29 144 K3GNC

United States, W5

12100300 KDBC 4 TX 746 T OGLETHORPE
 12111720 W5VY EL09 SanAntonio .125 S XE1AVM
 12111731 K5UGM EM12 50.125 S XE1AVM
 12111736 KB5IUA EL29 JOHN 50.125 S XE1AVM
 12111737 K5OGE EM20 GEORGE 50.125 S XE1AVM
 12111738 N5LUI EM12 Dallas 50.125 S XE1AVM
 12111740 KB5MER EM10 50.125 S XE1AVM
 12111747 W5/W6OSM EM10 BOB 50.125 S XE1AVM
 12111750 KC5VTX EM32 LA ROCK 50.125 S XE1AVM
 12111756 W5/W3XO EM00 BILL 50.125 S XE1AVM
 12111758 W5/WA2FXZ EM10 TX 50.125 S XE1AVM
 12111804 N5BBO EL09 TED 50.125 S XE1AVM
 12111820 W5OZI DM90 -1831 50.0657 B XE1AVM
 12111834 WD5K EM12 Dallas 50.125 S XE1AVM
 12111836 W5ICW EM01 TED 50.125 S XE1AVM
 12111844 KC5MS 50.125 S XE1AVM
 12111846 WD5ITW EM15 JACK 50.125 S XE1AVM
 12111852 W5BK EM11 PAT OK 50.125 S XE1AVM
 12111856 KC5RCW DM72 JIM TX 50.125 S XE1AVM
 12111857 WA5OMD EM10 50.125 S XE1AVM
 12111859 K5HV EM00 HARVEY 50.125 S XE1AVM
 12111901 N5WKW EM15 OK 50.125 S XE1AVM
 12111903 W5GVE EM01 BILL 50.125 S XE1AVM
 12111904 KC5ICS EM15 RON OK 50.125 S XE1AVM
 12111910 WD5BST DM93 Lubbock 50.125 S XE1AVM
 12111922 WA5HGG EL29 Houston 50.125 S XE1AVM
 12111926 KC5OF EL29 Houston 50.125 S XE1AVM
 12111944 W5DO DM65 50.125 C XE1AVM
 12111948 KC5KQF EM93 Lubbock 50.125 S XE1AVM
 12112015 K5SW EM25 STAN OK 50.125 S XE1AVM
 12112019 WA5UUD EL49 JACK LA 50.125 S XE1AVM
 12112021 W5FF DM64 FRED NM 50.125 S XE1AVM
 12112035 KC5OBX DM93 > DK39 50.125 S XE1AVM
 12112036 KC5KBD EM50 IRV LA 50.125 S XE1AVM
 12112039 KC5BRW EM12 JOHN TX 50.125 S XE1AVM
 12112043 W5OZI DM90 -2140 50.0657 B XE1AVM
 12112052 KC5HNI DM93 > DK39 50.125 S XE1AVM
 12112137 KI5ST EM40 STEVE 50.125 S XE1AVM
 12112139 KC5OAO EL39 LA>DK39 50.125 S XE1AVM
 12112157 N5LUI EM12 KAY 50.125 S XE1AVM
 12112200 W5OZI DM90 -2320 50.0657 B XE1AVM
 12112201 AC5JA EM21 > DK39 50.125 S XE1AVM
 12112228 KX5K EM11 > DK39 50.125 S XE1AVM
 12112244 WB5CHW EM12 JIM 50.125 S XE1AVM
 12112246 KI5X EM10 > DK39 50.125 S XE1AVM
 12112249 KB5WDK EL12 > DK39 50.125 S XE1AVM
 12112251 KC5IRF EM12 > DK39 50.125 S XE1AVM
 12112306 W5WK TX > DK39 50.125 S XE1AVM
 12112311 KT5A EM11 AL 50.125 S XE1AVM
 12112315 WD5BST DM93 Lubbock 50.125 C XE1AVM
 12112323 WB5LUA -2341 50.071 B XE1AVM
 12112342 W5OZI DM90 -0120 50.0657 B XE1AVM
 12112344 KC5OLC EM10 Houston 50.125 S XE1AVM
 12120006 N5DBB EM15 OK 50.125 S XE1AVM
 12120009 KC5TAO EL09 CARL 50.125 S XE1AVM
 12120015 WA5VKS EM12 Dallas 50.125 S XE1AVM
 12120017 KC5CPP EM12 FtWorth 50.125 S XE1AVM
 12120020 KB5TKG EM10 Houston 50.125 S XE1AVM
 12120021 KK5RH EM10 Houston 50.125 S XE1AVM
 12120023 N5TML EM14 OK 50.125 S XE1AVM
 12120108 KC5HHN EM10 FRED 50.125 S XE1AVM
 12120122 W5ELJ EM22 ED 50.125 S XE1AVM
 12120129 KC5HTM EM13 50.125 S XE1AVM
 12120133 KM5FA EM10 Houston 50.125 S XE1AVM
 12120134 WC5E EM02 TX 50.125 S XE1AVM
 12120136 W5/WW2R EL09 TX 50.125 S XE1AVM
 12120149 K5GMV DM14 50.125 S XE1AVM
 12120151 W5RWU EM12 Ft Worth 50.125 S XE1AVM
 12120153 W5/WA3APO EL09 TX 50.125 S XE1AVM
 12120154 WB5UBE EM13 50.125 S XE1AVM
 12120156 KB5VQQ EM15 OK 50.125 S XE1AVM

12120158 KK5BI EM11 TX 50.125 S XE1AVM
 12120159 W5FKN EM13 50.125 S XE1AVM
 12120200 N5TSP EM10 Houston 50.125 S XE1AVM
 12120202 N5OK > DK39 50.125 S XE1AVM
 12120204 KB5WDK EL17 HARLY 50.125 S XE1AVM
 12120212 KB5YAJ EM14 > DK39 50.125 S XE1AVM
 12120234 KB5OAI EM22 JERRY 50.125 S XE1AVM
 12120236 KB5WDK EL17 50.125 S XE1AVM
 12120240 W5OZI DM90 -0418 50.0657 S XE1AVM
 12120241 W5EUB EL29 Houston 50.125 S XE1AVM
 12120245 W5/WBOWAG EL29 RICK 50.125 S XE1AVM
 12120313 N5TSP EM10 TX 50.103 S XE1AVM
 12120319 W5RW EM12 50.125 S XE1AVM
 12142304 WB5LUA -0113 50.060 B XE1AVM
 12142308 W5/W3XO EM00 BILL 50.125 S XE1AVM
 12150002 KC5TND EM22 50.125 S XE1AVM
 12150005 W5FKN EM13 50.125 S XE1AVM
 12150007 KC5HHN EM10 FRED 50.125 S XE1AVM
 12150010 KC5CPP EM12 PAUL 50.125 S XE1AVM
 12150012 KC5MRV EM12 50.125 S XE1AVM
 12150037 W5AK EL29? 50.125 S XE1AVM
 12150047 KA5CJJ EM23 50.125 S XE1AVM
 12150048 KC5M EM25 50.125 S XE1AVM
 12152248 W5/N1IRZ DM64 > DL44 S XE2HNB
 12152251 W5FF DM64 > DL44 S XE2HNB
 12230150 W5FF 42A fm N -0210 H W0MTK
 12260326 WA5FUP DM23 W N7EIJ
 01090000 W5 EL09,29 -0220 N8ZJN
 01090000 W5 EM02,12,13,21,22 -0220 N8ZJN
 01090000 W5OZI strong>EM79xk -0220 B N8ZJN
 01090139 W5 EM02, EM10 WKG EM95 H KB8TEJ
 01110215 AB5L DALLAS > N OF DENVER B KF0YJ
 01130130 W5RWU RANDY EM12 50.173 W W0MTK
 01130145 WA5HGG JACK EL29 50.173 W W0MTK
 01130204 W5OZI -0204 B W0MTK
 01141807+W5/W3XO EM00 > EL98 W N8CGY/4
 01260007 KATC 3 LA T Shaftan

United States, W6

10231858 KEYT 3 CA SantaBarb 1295 T WA5IYX
 12110342 KE6ZAK DM06 > DL44 S XE2HNB
 12110343 KD6GIJ DM98 > DL44 S XE2HNB
 12110349 W6/WB5OMF CM98 > DL44 S XE2HNB
 12110350 KD6WVL CM97 > DL44 S XE2HNB
 12110351 WD6WVK CM98 > DL44 S XE2HNB
 12110352 KD6KDS CM95 > DL44 S XE2HNB
 12110359 K6MYC DM06 > DL44 S XE2HNB
 12110400 K6RO DM03 > DL44 S XE2HNB
 12110401 W6IST DM04 > DL44 S XE2HNB
 12110402 K6LGL DM04 > DL44 S XE2HNB
 12110405 KJ6HI DM04 > DL44 S XE2HNB
 12110410 KD6GLJ CM98 > DL44 S XE2HNB
 12110410 W6/WB9AJZ CM87 > DL44 S XE2HNB
 12110414 WA6KLK CM89 > DL44 S XE2HNB
 12110415 W6KH CM97 > DL44 S XE2HNB
 12110427 KF6ARN > DL44 H XE2HNB
 12120137 AA6DO DM13 Riverside 50.125 S XE1AVM
 12160235 KCBS 2 CA LosAngele 1186 T WA5IYX
 12170234 N6XQ DM04 > DL44 S XE2HNB
 12170238 KJ6HI DM03 > DL44 S XE2HNB
 12170243 K6GMV DM41 > DL44 S XE2HNB
 12170258 KE6FDL DM34 > DL44 S XE2HNB
 12170300 AA6ABD DM13 > DL44 S XE2HNB
 12230241 WA6MSC GARMAN >DM59 50.133 W W0MTK
 12230246 N6KBX DON CM98>DM59 50.173 W W0MTK
 12232016 W6/WB9AJZ H W0MTK
 12240241 CA MUF 96.9 93.5 F WA5IYX
 12260XXX W6 DM03,04,12,13,14 N7EIJ

United States, W7

12100107 KVBC 3 NV Las Vegas 1052 T WA5IYX
 12100120 KUTV 2 UT 1160 T OGLETHORPE
 12100125 KSLt 5 UT T OGLETHORPE
 12100125 KTVxt 4 UT T OGLETHORPE
 12100240 KVOA 4 AZ 1045 T OGLETHORPE
 12100328 KPHO 5 AZ 1065 T OGLETHORPE
 12110140 KTVxt 4 UT T OGLETHORPE
 12110140 KUTvt 2 UT T OGLETHORPE
 12111925 W7RV DM43 AZ TOMMY 50.125 S XE1AVM
 12112024 W7AFF AZ > DK39 50.125 S XE1AVM
 12120103 WF7S DM41 50.125 S XE1AVM
 12120107 KD7GC DM33 Phoenix 50.125 S XE1AVM

12120245 KNAZ 2 AZ 1045 T OGLETHORPE
 12150110 W7CI DM41 > DK39 50.125 S XE1AVM
 12201654 KVBC 3 NV Las Vegas 1052 T WA5IYX
 12230202 W7GJ LANCE DN27 > DM59 W W0MTK
 12230202+WA7OPE TIM > DM59 W W0MTK
 12240200 KVBC 3 NV Las Vegas 1052 T WA5IYX
 12260XXX W7 DM33 N7EIJ
 12301740 W7AKU DOUGLAS AZ 50.140 W W0MTK
 01020439 W7/WSOF DM34 > CN88 50.125 S VE7SKA
 01020452 K7XD 58 CN85 > DM59 H W0MTK
 01020503 KC7QIK JEFF CN85 50.150 W0MTK
 01020515 WX7R > DM59 H W0MTK
 01020519 KB7YVS DN40 UT>CN88 50.125 S VE7SKA
 01111946 W7GJ LANCE 52 DN27 > DM59 H W0MTK
 01112330 W7GJ - 2350 H W0MTK

United States, W8

11241424 WJBK 2 MI Detroit 1238 T WA5IYX
 11242012 WDTN 2 OH Dayton 1076 T WA5IYX
 12120053 WA8FTA EN52 0057 CW 50.125 S XE1AVM
 12131458 WJBK 2 MI Brief 904 T OGLETHORPE
 01082245 W8 > EM21 -0015 WA5JCI

United States, W9

11290143 WISC 3 WI Madison 1062 T WA5IYX
 12120110 N9TZZ 50.125 S XE1AVM
 12120115 N9ZAW IL > DK39 50.125 S XE1AVM
 12230145+N9XWX DON EM59 > DM59 W W0MTK
 01082245 W9 > EM21 -0015 WA5JCI
 01141807+W9 EN52,EN61 > EL98 W N8CGY/4

United States, W0

10160158 KOTA 3 SD RapidCity 1039 T WA5IYX
 11290143 KGAN 2 IA CedarRapid 960 T WA5IYX
 12080028 KMTV 3 NE Omaha 829 T WA5IYX
 12120000 KAONNO EM24 -0043 50.060 B XE1AVM
 12120120 KAONNO EM24 -0317 50.060 B XE1AVM
 12120211 KOETC EM27 > DK39 50.125 S XE1AVM
 12120212 W0/KW9KW EM17 50.125 S XE1AVM
 12120230 W0JRP EM27 > DK39 50.125 S XE1AVM
 12120232 W0/W4FVA EM38 MO 50.125 S XE1AVM
 12120254 WAOKFZ 50.125 S XE1AVM
 12201457 KGAN 2 IA CedarRapid 960 T WA5IYX
 12230145+KA0PAE LARRY EM48 > DM59 W W0MTK
 01031800 KGAN 2 IA CedarRapid 960 T WA5IYX
 01082245 KB0RFS EM57 > FN42LN K1EP/m
 01121946+K0JY H W0MTK

Reports of Oceania

AUSTRALIA GENERAL

12250310 VK 59 49.8297/49.8750 A VK30T
 12250320 VK 59+Pagers 40.680/40.695 VK30T
 12250320 VK 59+Pagers 40.750/40.665 VK30T
 12250320 VK? 55w/QSB Pulsing 42.202 VK30T
 12260030 VK? 55 49.830 A VK30T
 12260100 VK-TV0 59+ Locked 51.672 F VK30T
 12260300 VK-TV0 WIN main sig 51.672 F VK30T
 12260300 VK-TV0 WIN TVstereo 51.915 F VK30T
 12260300 VK-TV1 57.240/.260/57.2604 V VK30T
 12260300 VK-TV2 64.260/64.2604 V VK30T
 12260400 VK Baby room 49.83/49.850 A VK30T
 12260600 VK-TV0 BS fm NW 46.240 V VK30T
 12270400 VK 59 Spur from WIN52.150 F VK30T
 01010300 VK Paging 559 40.680 D VK30T
 01010300 VK? MIL 60Hz 59+ 50.110 F VK30T
 01020145 VK Room Minders 55 49.830 A VK30T
 01030700 VK-TV 55-79 64.2598/64.250 V VK30T
 01060710 VK-TV MT BARROW 339 86.200 V VK30T
 01120005 DDQ-0 599 QG53 46.172 V VK3ALM
 01122200 VK Carrier&data 59 44.695 VK30T
 01122200 VK Carriers&Data 59 40.695 VK30T
 01122200 VK Data paging 57 40.747 VK30T
 01122200 VK paging 59 40.680 VK30T
 01140000 VKTV 319 FwdScatt 46.172 V VK30T
 01140100 VKTV 559 46.2400 V VK30T
 0115XXXX VK-TV weak Es V ZK1AA
 01201135 VK TV Scatt 46.240/46.172 V VK30T
 01210000 VK-TV0 559 FScatter 46.172 V VK30T
 01220200 VK-TV0 59+ Sound 51.672 F VK3SIX
 01251100 VK-TV0 529 45.2396/2601 V VK30T

01251100 VK-TV0 599

46.172 V VK30T

Australian Capital Territory-VK1

12072333 VK1VP 59/59 S ZL3TY
 12110201 VK1VP ZL2AGI
 12110219 VK1MJ ZL2AGI
 12240245 VK1VP ZL3NE
 12250300 VK1RX 55 BSCATTER 50.180 H VK30T
 01030700 VK1BUC 59+ 50.150 VK30T
 01030700 VK1RX 59+ Wkg VK3 50.190 H VK30T
 0104XXXX VK1VP BY ZL1AKW/ZL1TMF/P
 01130214 VK1 VK6AO/RO
 01130214 VK1RX 50.130 H VK30T

Australia-New South Wales-VK2

11260223 VK2BRG, 0224 VK2MZ 144 ZL1TWR
 12062245 VK2BA ZL3NE
 12070040 VK2ABW/2 ZL3NE
 12070412 VK2XN 55/55 S ZL3TY
 12070415 VK2PB 59/59 S ZL3TY
 12070420 VK2BA 59/59 S ZL3TY
 12070735 VK2BIT 55/55 S ZL3TY
 12070855 VK2FLI 59/59 S ZL3TY
 12072327 VK2BIT 55/53 S ZL3TY
 12072340 VK2GJC 51/51 S ZL3TY
 12072343 VK2JPC 59/59 S ZL3TY
 12080145 VK2YDC ZL3NE
 12080218 VK2PB 55/52 S ZL3TY
 12080315 VK2FLI ZL3NE
 12080637 VK2XN ZL2AGI
 12080655 VK2ZCV ZL3NE
 12080740 VK2FZ/4 59/58 S ZL3TY
 12081815 VK2DN ZL3NE
 12090840 VK2RSY 529 B ZL3TY
 12102040 VK2YDC ZL3NE
 12102310 VK2BRG 144 ZL3NE
 12102344 VK2BA ZL3NE
 12110147 VK2BIT ZL2AGI
 12120015 VK2QE ZL3NE
 12122100 VK2BA ZL3NE
 12122125 VK2BA ZL2AGI
 12130807 VK2BHO ZL2AGI
 12132340 VK2YLO ZL2AGI
 12132355 VK2QE ZL3NE
 12140005 VK2BA ZL3NE
 12140130 VK2BRC ZL3NE
 12142240 VK2DN ZL3NE
 12172155 VK2DN ZL3NE
 12212155 VK2ZCV, 2200 VK2AFH ZL3NE
 12220055 VK2DN, 0145 VK2AFH ZL3NE
 12240045 VK2BRG, 0050 VK2QE ZL3NE
 12240442 VK2ZAB & 0448 144 ZL1TWR
 12240448 VK2BBF & 0455 144 ZL3NE
 12250240 VK2RSY 319 BSCATTER 52.420 B VK30T
 12250240 VK2TWR S of Cooma 50.160 VK30T
 12250245 VK2RHV 519 Newcastle52.325 B VK30T
 12252355 VK2AIF 58/56 S ZL3TY
 12260015 VK2 (N) 59+ Pager40.67/.68 VK30T
 12260030 VK2 (N) 55 Farmer 49.770 P VK30T
 12260030 VK2QE 59 CLG CQ 50.110 VK30T
 12260045 VK2RHV 559 Newcastle52.325 B VK30T
 12260129 VK2BHO 56/56 S ZL3TY
 12260130 VK2QE 55 WKG VK3 50.120 H VK30T
 12260145 VK2DN ZL3NE
 12260205 VK2BHE, 0220 VK2DVZ 144 ZL3NE
 12260234 VK2ZC, 0242 VK2TVZ 144 ZL1TWR
 12260242 VK2TVZ 144 ZL1TWR
 12260255 VK2BRG 144 ZL3NE
 12260300 VK2RHV 579 52.345 B VK30T
 12260300 VK2RSY 559 DuralNSW 52.450 B VK30T
 12260400 VK2 Illegal Phone 49.740 F VK30T
 12260400 VK2AT wkg VK3YDE 50.140 S VK30T
 12262130+VK2RSY 539 B ZL3TY
 12270400 VK2 Short skip Mallacoota VK30T
 12270400 VK2RHV 559 Direct 52.345 B VK30T
 12270400 VK2RSY 519 Scatter 52.420 B VK30T
 12270430 VK2HT 59+ 52.525 F VK30T
 12270430 VK2RHV 559 Newcastle52.325 V VK30T
 01010237 VK2ASI/p 59 50.100 S VK30T
 01010300 VK2QE 50.110 S VK30T
 01020200 VK2RHV QF57 599 52.325 B VK30T
 01020215 VK2RSY QF56 599 52.420 B VK30T

01030300 VK2EAB, VK2DVE 144 EL3AR
 01030700 VK2-TV 599+ShortSkip46.240 T VK3OT
 01030700 VK2RHV 559 52.325 B VK3OT
 01030700 VK2RSY 319 Boat 52.420 B VK3OT
 01031030 VK2 59Pagers 40.680/40.665 VK3OT
 01031030 VK2-TV 559 46.2400 V VK3OT
 01031030 VK2YKM 59 Grafton 50.170 VK3OT
 01031100 VK2RSY 599 52.420 B VK3OT
 01031100 VK2-TV 599 62.2496 V VK3OT
 01031110 VK2RHV 559 Hunter V 52.325 VK3OT
 01031116 VK2EAB 144 EL3ADT
 01031135 VK2BIT 59 Peter 50.150 VK3OT
 01031145 VK2RSY 559 Dural 52.420 B VK3OT
 0103XXXX VK2EAB 144 EL3NW
 0103XXXX VK2DWS & BY EL3TIC EL4TBN
 0103XXXX VK2EAB, VK2BFF 144 EL3TIC
 01040317 VK2/VK4ABW 144 EL1TWR
 01040423 VK2XBE, 0425 VK2EAB 144 EL3NE
 01040426 VK2YUS, 0432 VK2BFF 144 EL3NE
 01040435 VK2XKE, 0500 VK2EAB 144 EL1TWR
 01040514 VK2BFF 144 EL1TWR
 01040518 VK2BVE, 0523 VK2DKE 144 EL3NE
 01040529 VK2KBT, 0531 VK2DKE 144 EL1TWR
 01040530 VK2/VK4ABT 144 EL3NE
 01040535 VK2YUS 144 EL1TWR
 0104XXXX VK2DWS BY EL1AKW/EL1TWF/EL2WNB/P
 01060850 VK2RHV 339 BS 52.325 H VK3OT
 01061200 VK2-TV0 Cooma 7w 46.2515 V VK3OT
 01061200 VK2-TV0 Narooma 500w46.237 V VK3OT
 01062215 VK2-TV0 46.2400 V VK3OT
 01062330 VK2FS/4 59 VK3OT
 01122355 VK2AT dir wkg EL3TY 50.150 H VK3OT
 01133040 VK2RHV Hunter Valley52.325 B VK3OT
 01133214 VK2 VK6AO/RO
 01200900 VK2RHV 559Newcastle 52.345 B VK3OT
 01200900 VK2RSY Sydney 559 52.420 B VK3OT
 01201000 VK2RHV 559 Direct 52.345 B VK3OT
 01201000 VK2RSY Sydney FScat 52.420 B VK3OT
 01201015 VK2SHE working VK5AKK VK3OT
 01210310 VK2 TV 539 Tamworth 46.261 V VK3OT
 01220000 VK2/VK4 wkg VK3/5/7 50.110 H VK3SIX
 01250500 VK2-TV0 Tamworth NSW46.261 V VK3OT
 01250530 VK2YO Northern NSW >QF12ag VK3OT
 01250930 VK2QE into QF01/12 VK3
 01251100 VK2YHE working VK3 50.125 H VK3OT

Australia-Victoria-VK3

12070510 VK3DEM 59/59 S EL3TY
 12070510 VK3OT EL2AGI
 12070630 VK3ATQ, 0635 VK3AFW EL2AGI
 12070638 VK3KTO, 0640 VK3OT EL2AGI
 12070703 VK3AFW, 0705 VK3NM EL2AGI
 12070708 VK3AEY, 0709 VK3HY EL2AGI
 12070758 VK3BSR 58/58 S EL3TY
 12070805 VK3ATQ 59/59 S EL3TY
 12070825 VK3JWE 54/55 S EL3TY
 12070835 VK3DUT 59/59 S EL3TY
 12070848 VK3LS 58/57 S EL3TY
 12070905 VK3NM 58/58 S EL3TY
 12072235 VK3AME 59/59 S EL3TY
 12072310 VK3YY 55/52 S EL3TY
 12072317 VK3AEY 53/55 S EL3TY
 12072320 VK3DUQ 59/59 S EL3TY
 12072324 VK3AMQ 57/53 S EL3TY
 12072325 VK3JWE 57/57 S EL3TY
 12080735 VK3DEM 59/59 S EL3TY
 12110130 VK3OT EL3NE
 12120149 VK3DUT EL2AGI
 12120224 VK3BBB, 0227 VK3WRE EL2AGI
 12120243 VK3DUQ EL2AGI
 12222310 VK3BWT EL3NE
 12242330 VK3 144.1 W EL3TIC
 12250245 VK3-TV 559 Tamworth 46.261 V VK3OT
 12250300 VK3-TV 55 WaggaWagga 51.74 F VK3OT
 12250300 VK3BRE 55 BSCATTER 50.180 H VK3OT
 12250310 VK3-TV 599+Wagga 46.240 V VK3OT
 12260000 VK3AEY 57/58 S EL3TY
 12260015 VK3-TV 55 Tamworth 46.261 V VK3OT
 12260020 VK3DUT 55/59 S EL3TY
 12260025 VK3TMP 57/55 S EL3TY
 12260110 VK3ATQ 55/55 S EL3TY
 12260140 VK3YDE EL3NE
 12260300 VK3-TV0 SpurToowoomba52.150 F VK3OT
 12260300 VK3-TV0 Tamworth NSW52.005 F VK3OT
 12270400 VK3 Tamworth Stereo 52.005 F VK3OT
 12270400 VK3-TV0 NorthernNSW 46.240 V VK3OT
 1010255 VK3-TV0 Wagga 539 46.2400 V VK3OT
 1020145 VK3 BS fm NE 55 50.110 H VK3OT
 1020145 VK3-TV0 Wagga 539 46.2400 V VK3OT
 1020300 VK3AKK/ATQ 5-7/9 50.125 S VK3OT
 1020300 VK3AEY BS 50.125 S VK3OT
 1030200 VK3BWT 144 EL1TWR
 1061057 VK3GRL 59- QF22 50.150 S VK3ALM
 1061057 VK3XL 59- QF22 50.150 S VK3ALM
 104XXXX VK3AKK, VK3LK EL1AKW/EL1TWF/EL2WNB/P
 104XXXX VK3AYE, VK3DEM EL1AKW/EL1TWF/EL2WNB/P
 104XXXX VK3AEY, VK3WE EL1AKW/EL1TWF/EL2WNB/P
 104XXXX VK3BW, VK3BXX EL1AKW/EL1TWF/EL2WNB/P
 104XXXX VK3BWT, VK3DDL EL1AKW/EL1TWF/EL2WNB/P
 104XXXX VK3OT/VK3ATM/3 EL1AKW/EL1TWF/EL2WNB/P
 1060700 VK3LK 55 BS w EL3NW 50.130 H VK3OT
 1061050 VK3OT 45A VK1RX
 1062330 VK3AFW 55 VK3OT
 1122215 VK3ASQ wkg EL3ADT 55 VK3OT
 1122230 VK3AKK 50.110 VK3OT
 1122352 VK3XU BS wkg VK2WL 50.093 H VK3OT
 1130040 VK3-TV0 Tamworth 43.2610 V VK3OT
 1130040 VK3XU BS 50.094 VK3OT
 1130214 VK3 VK6AO/RO
 1130340 VK3OT 50.110 H JA3JTG
 1130412 VK3OT 559 50.111 C JA3JTG
 1130416 VK3OT 539 >PM74 50.110 H J33WKG
 11200915 VK3SIX BS fm NW 50.053 B VK1RX
 11200930 VK3-TV Tamworth NSW 46.261 V VK3OT
 11232200 VK3SIX > N QNSLD B VK4

Australia-Queensland-VK4

12010130 VK4GPE EL3NE
 12040030 VK4BRG EL3NE
 12062230 VK4APL, 2250 VK4/VK2AF EL3NE
 12062300 VK4JH, 2340 VK4DO EL3NE
 12070050 VK4APL, 0100 VK4/VK2FE EL3NE
 12092337 VK4DO EL2AGI
 12100818 VK4RGG 529 B EL3TY
 12102030 VK4APL, 2035 VK4/VK2FE EL3NE
 12102300 VK4/VK2FE 144 EL3NE
 12112300 VK4APL EL3NE
 12120000 VK4KK 144 EL3NE
 12120005 VK4/VK2FE 144 EL3NE
 12120010 VK4TE EL3NE
 12120011 VK4/VK2FE & BY EL1AKJ 144 EL1TWR
 12120925 VK4RGG 539 B EL3TY
 1212XXXX VK4KE EL1TWR
 12132220 VK4GPE 59/57 S EL3TY
 12140150 VK4APL, 0205 VK4ARN EL3NE
 12140300 VK4ARN, 0305 VK4WTR EL3NE
 12150435 VK4UOC EL2AGI
 12170300 VK4APL, 0305 VK4/VK2FE EL3NE
 12172144 VK4APL EL3NE
 12180215 VK4APL EL3NE
 12220010 VK4GPE EL3NE
 12220130 VK4ARN, 0140 VK4APL EL3NE
 12230015 VK4APL EL3NE
 12230420 VK4 ch0 46.17 V JA1VOK
 12230530 VK4JH EL2AGI
 12230810 VK4WTH, 0828 VK4APL EL2AGI
 12230840 VK4AR, 0847 VK4ARN EL2AGI
 12250245 VK4-TV 599+Toowoomba46.172 V VK3OT
 12250245 VK4ABP 559 Longreach52.345 B VK3OT
 12250245 VK4RGG 559 Merang 50.0475 B VK3OT
 12250310 VK4RGG 559 50.0575 B VK3OT
 12250330 VK4ABP 599 52.345 B VK3OT
 12250840 VK4KN EL2AGI
 12252310 VK4UDC, 2315 VK4PU EL3NE
 12260030 VK4RGG 559 Sarina 50.0775 B VK3OT
 12260030 VK4RGG 559 Merang 50.0575 B VK3OT
 12260300 VK4RGG 599+ 50.0575 B VK3OT
 12260400 VK4TEL 59 WKG GIPPSLAND H VK3OT
 12260400 VK4RGG Merang Gold 50.0575 B VK3OT
 12260430 VK4ABP 559 Longreach52.345 B VK3OT
 12260430 VK4BRG 559 Sarina 50.0775 B VK3OT
 12260600 VK4ABP 529 52.345 B VK3OT
 12260755 VK4JH 55/52 S EL3TY
 12260810 VK4BMJ 57/53 S EL3TY
 12270230 VK4ABP 519 Longreach52.345 B VK3OT
 12270300+VK4RGG 559 B EL3TY
 12270400 VK4-TV Toowoomba 51.915 F VK3OT
 12270400 VK4RGG 599 Merang 50.0575 B VK3OT
 12270430 VK4ABP 559 52.345 B VK3OT
 10102000 VK4RGG QG62 559 50.058 B VK3OT
 10102034 VK4JH QH30 55 50.110 S VK3OT
 10102037 VK4ABP QG26 559 52.345 B VK3OT
 10102040 VK4 (N) MIL 55 50.110 F VK3OT
 10102045 VK4JBR Brisbane 55 50.130 S VK3OT
 10102055 VK4-TV QG62 559 46.1718 V VK3OT
 10103000 VK4RGG QG62 559 50.058 C VK3OT
 10202010 VK4RGG QG62 BS 519 50.058 C VK3OT
 10202113 VK4DO BS 559 50.110 C VK3OT
 10202145 VK4 Mowbullan 579 46.172 V VK3OT
 10202000 VK4ABP QG26 599 52.345 B VK3OT
 10202000 VK4BRG QG48 559 50.0775 B VK3OT
 10202000 VK4RGG QG62 559 50.058 B VK3OT
 10202245 VK4RGG 599 50.058 B VK3OT
 1020245 VK4VV 59 50.125 S VK3OT
 10202430 VK4-TV3 Townsv 559 87.2704 V VK3OT
 10205000 VK4-TV 599+60 46.172 T VK3OT
 10205000 VK4ABP 599+ 52.345 B VK3OT
 10205000 VK4BRG 559 50.0775 B VK3OT
 10205000 VK4WDM QH30 55 50.160 S VK3OT
 10206000 VK4APG/m 55 50.130 S VK3OT
 10207000 VK4TL <0800 55 50.130 S VK3OT
 10301030 VK4-TV 559 Scat H 46.172 V VK3OT
 10301105 VK4RGG 339 Scatter 50.058 VK3OT
 10607000 VK4-TV BS East 559 46.172 V VK3OT
 1062245 VK4-TV MTMowbullan 46.172 V VK3OT
 1062330 VK4RGG 559 B VK3OT
 10702000 VK4-TV 599 Toowoomba46.172 V VK3OT
 11201115 VK4ABP 539 QG26 52.346 B VK3ALM
 11201118 VK4KMA 59 QG63 50.150 S VK3ALM
 11222000 VK4 TV Video 59 46.172 V VK3OT
 1122215 VK4PU CQ, 57 50.110 VK3OT
 11222245 VK4GPE 50.110 VK3OT
 11223000 VK4ABP 579 52.345 B VK3OT
 11223000 VK4BRG 559 50.0775 B VK3OT
 11223000-VK4PU VK3OT
 11223300 VK4RGG 559 50.058 B VK3OT
 11223320 VK4PU VK7
 1122332 VK4BRG wkg EL4TBN 50.110 H VK3OT
 11300300 VK4-TV0 Toowoomba T VK3OT
 11405000 VK4-TV 539 FwdScatt 46.172 V VK3OT
 11406300 VK4ABP 52.345 B VK4HT
 1140649 VK4BRG QG48 519 50.0775 B VK3OT
 11407000 VK4-TV 559 46.172 V VK3OT
 11500000 VK4 59 to VK5
 11500000 VK4-TV 59 46.172 T VK3OT
 11500000 VK4TEL 59 wkg VK3AEY 50.13 H VK3OT
 11500330 VK4DV 50.130 VK3OT
 11500330 VK4BRG 59 QG48 50.077 B VK3OT
 1150245 VK4ABP 55 QG26Longreach52.345 B VK3OT
 1150245 VK4BRG 55 QG48Sarina50.077 B VK3OT
 11503330 VK4 ch0 >PM75 46.17 V JA3JTG
 11504440 VK4ABP 599 > 0645 52.345 B VK3OT
 11505330 VK4BRG 539 > 0745 50.0775 B VK3OT
 11506000 VK4JH QH30 Townsv 50.110 VK3OT
 11506110 VK4 QG62 Toowoomba 46.172 V VK3OT
 11506110 VK4PG 50.110 VK3OT
 11508330 VK4 VK3
 11802000 VK4RGG QG62 50.057 B VK3OT
 1180325 VK4JAZ 56- QG56 50.130 S VK3ALM
 11804040 VK4ABP 519 QG26 52.346 B VK3ALM
 1180445 VK4ABP 559 QG26 52.345 B VK3OT
 1180455 VK4NW 57- QG65 50.120 S VK3ALM

12100845 VK4BRG VK1RX
 12100930 VK4RGG B VK3OT
 12101000 VK4RGG 559 50.058 B VK3OT
 12101000 VK4YAR, VK4JBR Brisbane VK3OT
 12101030 VK4JBR 5w 57 VK3OT
 12101135 VK4ABP Longreach B VK3OT
 12101135 VK4DO 539 Proserpine50.110 B VK3OT
 12102100 VK4RGG and VK4ABP weakly B VK3OT
 12102350 VK4RGG 559 to 599 50.057 B VK3OT
 1210407 VK4ABP 52.345 VK3OT
 12120000 VK4RGG 599 B VK3SIX
 12120200 VK4RGG 599 >QF02WH 50.058 B VK3SIX
 12120730 VK4RGG 599 B VK3OT
 12120730 VK4WTH 59 clg EL3NW 50.110 H VK3OT
 12120730 VK4WTH clg CQ EL H VK3OT
 12120740 VK4-TV0 599 46.172 V VK3OT
 12120740 VK4BRG 599 > QF12ag -0800 50.0775 B VK3OT
 12120830 VK4RGG W VK2
 12132200 VK4JH > N NSW VK2
 12132200 VK4JH wkg Brisbane, BiloelaH VK3SIX
 12132200 VK4RGG > N QNSLD B VK4
 12140200 VK4BKM working south (QH30)H VK3SIX
 12140200 VK4JH, VK4DO in QSO (Tropo)H VK3SIX
 12140200 VK4LE 3x5 working VK4JH H VK3SIX
 12140300 VK4BRG QG26 559 50.0775 B VK3SIX
 12140330 VK4ABP Longreach > QF02wh B VK3SIX
 12140330 VK4JH still in working VK2 H VK3SIX
 12150500 VK4APL 59+ wkg VK3 H VK3OT
 12150500 VK4RGG 599 > QF12ag -0800 H VK3OT
 12150530 VK4JH Townsville wkg VK2YO H VK3OT
 12150715 VK4JBR VK3OT
 12150800 VK4KK 59 wkg VK7GUN 50.140 H VK3OT
 12151100 VK4RGG 539 by scatter B VK3OT

South Australia-VK5

12120218 VK5WO EL2AGI
 12150443 VK5PO EL2AGI
 12150448 VK5NA EL2AGI
 12150542 VK5AKK EL2AGI
 12101555 VK5PO EL3NE
 12232240 VK5PO, 2248 VK5RO EL2AGI
 12240350 VK5PO EL3NE
 12250330 VK5PO 59 >MELBOURNE 50.130 VK3OT
 12252345 VK5NA 58/56 S EL3TY
 12260000 VK5ATN EL3NE
 12260010 VK5RO 53/55 S EL3TY
 12260130 VK5HS EL3NE
 12260428 VK5PO 55/55 S EL3TY
 12270400 VK5/VK3 Backscatter VK3OT
 10204050 VK5PO BS fm N 55 50.160 S VK3OT
 104XXXX VK5AKK, VK5UBJ EL1AKW/EL1TWF/EL2WNB/P
 104XXXX VK5RO, VK5PO BY EL1AKW/EL1TWF/EL2WNB/P
 10610400 VK5BC 55A from South VK3OT
 1061054 VK5SBB 59- PF95 50.150 S VK3ALM
 10701000 VK5BC 539 B/S VK3OT
 11223000-VK5PO VK3OT
 1122317 VK5BC BS clg CQ 50.111 H VK3OT
 1130214 VK5 VK6AO/RO
 11503330 VK5BC BS CQ VK3OT
 11200930 VK5BC BS fm N B VK3OT
 11220940 VK5BC 539 BS QF05 50.110 H VK3OT

West Australia-VK6

11120216 VK6ACY 59- OF78 50.190 S VK3ALM
 11120210 VK6AO 59- OF77 50.150 S VK3ALM
 11120226 VK6APE 57- PF06 50.160 S VK3ALM
 10803010 VK6HK --- OF78 50.150 S VK3ALM
 10110330 VK6HK 41- OF78 50.150 S VK3ALM
 11120220 VK6HK 59- OF78 50.175 S VK3ALM
 10110330 VK6KAT 41- OF78 50.150 S VK3ALM
 11120213 VK6KDG 59- OF78 50.120 S VK3ALM
 10110335 VK6KRC 55 OF78 50.125 S VK3ALM
 11120240 VK6BRU 529 OF76 50.306 B VK3ALM
 11120212 VK6RO 59- OF77 50.110 S VK3ALM
 11120215 VK6GRPH 579 OF78 50.066 B VK3ALM
 12080328 VK6APE 54/54 S EL3TY
 104XXXX VK6BE BY EL1AKW/EL1TWF/EL2WNB/P
 10703000 VK6KAT 55 wkg VK3 50.140 H VK3OT
 1070310 VK6HK 57 Don Perth 50.170 VK3OT
 1070310 VK6BRU 559 Perth WA50.0665 VK3OT
 1070335 VK6APE 59 PF06 50.150 VK3OT
 11130130 VK6 (ABW-2) Perth 64.2498 V VK3OT
 11130130 VK6KDX, VK6ACY VK1
 11130214 VK6ACY 25w 50.220 VK3OT
 11130214 VK6BRU Bunbury 50.306 B VK3OT
 11130214 VK6RO clg CQ EL 50.110 H VK3OT
 11130230 VK6HK 50.175 VK3OT
 11130250 VK6BRU Bunbury 319 50.306 B VK3OT
 11130250 VK6GRPH Perth WA 559 50.066 B VK3OT
 11130300 VK6KRC 55 clg CQ 50.110 H VK3OT
 1150245 VK6APE 55 PF06 Esperance VK3OT
 11503000 VK6APE 59 wkg VK3YDE50.110 H VK3OT

Australia-Tasmania-VK7

12070754 VK7XR 58/58 S EL3TY
 12070856 VK7XR EL2AGI
 12070908 VK7EIP EL2AGI
 12250245 VK7RAE 519 QG38 BS 50.057 B VK3OT
 12250310 VK7RAE 559 50.057 B VK3OT
 12250330 VK7EIP 55 WKG N VK2 50.150 H VK3OT
 12260920 VK7XR 59/59 S EL3TY
 12270020+VK7RAE 529 B EL3TY
 12270400 VK7RAE 519 BScatter 50.057 B VK3OT
 1020030 VK7RAE QG38 BS 529 50.0575 C VK3OT
 10201010 VK7LE QG38 BS 529 50.111 C VK3OT
 1030745 VK7-TV3 559 MBarrow 86.200 V VK3OT
 1030745 VK7RST 579 Hobart 52.370 VK3OT
 1030745 VK7XR 59 wkg VK1 50.140 VK3OT
 1030820 VK7AB 55 50.110 VK3OT
 10301100 VK7GUN 55 Wkg/VK4JBR 50.110 H VK3OT
 10301105 VK7GUN wkg VK4PU 50.135 VK3OT
 1060715 VK7RAE BS E 539 50.057 B VK3OT
 1060715 VK7RST Hobart 339 52.370 VK3OT
 1060720 VK7 59 QG38 500km 50.120 VK3OT
 1061100 VK7RAE 55A BS S/E B VK3OT

01062145 VK7RAE 51/55 Tr/MS 50.057 B VK30T
 01062215 VK7-TV2 57 Hobart? 64.260 V VK30T
 01062215 VK7-TV3 59 86.200 V VK30T
 01062330 VK7LE 55 50.110 VK30T
 01070045 VK7LE 55 450km PoScatter VK30T
 01070115 VK7AN 59 Short Skip VK30T
 01122330 VK7RAE BS 559 50.057 B VK30T
 01122350 VK7AN BS wkg VK4 50.130 H VK30T
 01140500 VK7RAE 519 50.057 B VK30T
 01201015 VK7GUM on b/scatter VK30T

Australia-Northern Territory-VK8

12250425 VK8RAS 559 PG66Alice50.047 B VK30T
 12260400 VK8RAS 559 50.047 B VK30T
 12260600 VK8GF PG66 AliceSpr 50.110 H VK30T
 12260600 VK8PW 529 CLG CQ 50.110 H VK30T
 12260600 VK8RAS 519 to Adelaide B VK5
 12260610 VK8GF 55 50.120 S VK30T
 01120247 VK8RH 52- PH57 50.110 S VK3ALM
 01122300 VK8RAS Alice Spr599 50.047 B VK30T
 01122320 VK8RAS 559 50.0475 B VK30T
 01122320 VK8RAS 559 50.0475 B VK30T
 01122330 VK8VF, VK4RGG DIRECT 50.058 B VK30T
 01150245 VK8RAS 55 PG66 Alice50.047 B VK30T
 01180200 VK8RAS PG66 50.046 B VK30T
 01180610 VK8RAS PG66 599 50.0475 B VK30T
 01220200 VK8RAS 599 50.0475 B VK3SIX

GUAM

01040345 KH2JU >QL17 50.125 S JD1BJP

HAWAIIAN IS.

12270630 KHON 2 HI -1220 CD 55.26 V SK1AA
 12281030 KHON 2 HI -1230 CD 55.26 V SK1AA
 12291515 KHOC 2 HI -1350 55.26 V SK1AA
 12310720 KHON 2 HI -1140 55.26 V SK1AA
 01011505 KHON 2 HI -1540 55.26 V SK1AA
 01020930 KHON 2 HI -1430 CD 55.26 V SK1AA
 01031437 KHON 2 HI weak SU 55.26 V SK1AA
 01101440 KHON 2 HI -1600 SU weak V SK1AA
 01130803 KHON 2 HI -1003 55.26 V SK1AA
 01150923 KHON 2 HI -1248 CD 55.26 V SK1AA
 01161435 KHON 2 HI -1620 SU 55.26 V SK1AA
 01171449 KHON 2 HI weak SU 55.26 V SK1AA
 01181535 KHON 2 HI -1650 SU 55.26 V SK1AA
 01200803 KHON 2 HI -1123 CD 55.26 V SK1AA
 01211439 KHON 2 HI -1503 vy weak V SK1AA

INDONESIA

01140630 YB CB > Cairns 41. A VK4HT

MINAMI TORI SHIMA

12020322 JD1YBJ 50.110 C JH1WHS
 12020328 JD1YBJ(JD1-M) 50.110 C JE2XBY

NEW CALEDONIA

12142310 FK8GN EL3NE
 12240310 FK8BG EL3NE
 01010230 FK8EB RG37 52 50.110 S VK30T
 01020245 FK8EB RG37 55 50.125 S VK30T

NEW ZEALAND

12070546 EL3NE 59/59 S EL3TY
 12220630 EL chl >PM63 45.25 V JASCMO
 12230400 EL chl 45.24/45.25/45.26 V JASCMO
 12230400 EL chl > QM05 45.25 V JA1VOK
 12242150 EL3NW 55 RE66-QP02 50.110 VK30T
 12242200 EL3SIX 52 RE66-QP02 50.040 B VK30T
 12242300 EL TV 599 45.25/.24/45.26 V VK30T
 12242330 EL3TIC 57 50.110 H VK30T
 12242331 EL3NW 57 WKG VK3 50.110 H VK30T
 12250030 EL-TV2 529 SCATTER 55.2396 V VK30T
 12250030 EL3SIX 519 SCATTER 50.040 B VK30T
 12250047 EL3NE 55 WKG VK2BRG 50.120 H VK30T
 12250100 EL2MHB 519 51.030 B VK30T
 12250200 EL-TV1 55 NICAM 51.000 D VK30T
 12250240 EL-TV1 59+ NICAM 45.260 D VK30T
 12250240 EL1THQ WKG VK2BRG 50.110 H VK30T
 12250240 EL3NE 55 WKG VK1 50.120 H VK30T
 12250250 EL-TV2 559 55.2396 V VK30T
 12250250 EL? 559 50Hz 55.2629 V VK30T
 12250250 EL? 559 55.2500/55.2502 V VK30T
 12250300 EL-TV2 539 E2 55.2398/.240 V VK30T
 12250300 EL-TV3 539 E3 62.2502 V VK30T
 12250320 EL-TV3 559 62.240 V VK30T
 12250425 EL-TV Spur 559 49.681 V VK30T
 12250530 EL-TV1 599+ 45.24/45.2604 V VK30T
 12250530 EL-TV2 55.24/.25/.26 V VK30T
 12250600 EL-TV Spur 599 49.681 V VK30T
 12250600 EL-TV1 55 NICAM 51.0/.100 D VK30T
 12250600 EL-TV1 59+ 50.740 F VK30T
 12250600 EL-TV1,TV2 QSB DN 55.2396 V VK30T
 12260000 EL-TV1 59+ 46.172 V VK30T
 12260030 EL-TV1 319 45.240/45.250 V VK30T
 12260400 EL-TV1 Wellington 45.250 V VK30T
 12262145 EL-TV1 45.24/45.25/45.26 V VK30T
 12262215 EL-TV2 55.24/55.25/55.2604 V VK30T
 12262215 EL-TV3 62.260 V VK30T
 12262215 EL3SIX 559 RE66 50.040 B VK30T
 12270000 EL2/3 59 WKG VK3/4 50.110 H VK30T
 12270000 EL2MQ 59 50.140 V VK3DUT
 12270000 EL2TPY 59 50.130 V VK4APL
 12270100 EL-TV0 59+ 50.750 F VK30T
 12270100 EL-TV0 59+ NICAM 51.000 D VK30T
 12270100 EL-TV0 599+45.2396-45.2609 V VK30T
 12270100 EL-TV1 55 55.2412/55.2500 V VK30T
 12270100 EL3SIX 559 50.040 B VK30T
 12270430 EL-TV1 519 BS fm NE 45.250 V VK30T
 12280355 EL chl 45.25 V JA1VOK
 12290500 EL-TV1,2,3 -0600 several V SK1AA
 01010000 EL-TV0 559 45.250 V VK30T
 01010250 EL-TV1 559 45.261 V VK30T

01010250 EL-TV1 599 45.2604 V VK30T
 01010250 EL-TV1 519 45.250+/45.2396 V VK30T
 01020000 EL4LV 55 50.120 S VK30T
 01020145 EL-TV1 all 559 45.250+ V VK30T
 01020145 EL2MHP 599 28.230 B VK30T
 01030700 EL-TV3 559 62.2396/62.2496 V VK30T
 0103XXXX EL3TIC, EL3AIC, EL3TCU 144 VK2DVZ
 0103XXXX EL3TIC, EL3AIC, EL3TCU 144 VK2EAB
 0103XXXX EL3TIC, EL3TIB 144 VK2DVZ
 0103XXXX EL3TIC, EL3TIB 144 VK2EAB
 01060700 EL-TV1 599 45.2396/2400 V VK30T
 01060700 EL-TV1 59+ 50.740/750/760 F VK30T
 01060700 EL3NE Auckland 50.110 VK30T
 01060700 EL3UHV 59 50.110 VK30T
 01060710 EL-TV1 59 NICAM 51.000 D VK30T
 01060710 EL-TV1 59Video Spur 49.680 V VK30T
 01060710 EL-TV2 599 55.2396/240 V VK30T
 01060710 EL-TV3 33 67.740 F VK30T
 01060710 EL-TV3 599 62.250/62.2396 V VK30T
 01060710 EL3SIX 599 >1030 50.040 B VK30T
 01060730 EL-TV1 59+ NICAM 51.000 D VK30T
 01060730 EL2TPY 59 Auckland 50.130 VK30T
 01060730 EL3NE 59 Auckland 50.110 VK30T
 01060800 EL2MQ 58 RF80 50.125 S VK3ALM
 01060800 EL3NE 59 50.130 VK30T
 01060804 EL2IA 58- RF80 50.125 S VK3ALM
 01060809 EL2TPY 59 RF70 50.135 S VK3ALM
 01060815 EL-TV3 59+ 67.740 V VK30T
 01060825 EL1 599 RTTY 51.030 B VK30T
 01060830 EL1THQ wkg VK7AN 59 50.120 VK30T
 01060850 EL2AGI, EL3ADT 59 50.110 VK30T
 01060915 EL2MQ CQ - VK7DC 59 50.110 VK30T
 01060930 EL2TPY wkg VK3LK 59 50.140 VK30T
 01061000 EL2AGI wkg VK7XR 55 50.125 VK30T
 01061030 EL-TV1 59 all 50.750 F VK30T
 01061030 EL-TV1 all offsets 45.250 V VK30T
 01061030 EL-TV2 359 55.2396/55.2604 V VK30T
 01061030 EL-TV3 559 62.2400 V VK30T
 01061030 EL-TV3 599 62.260/62.2445 V VK30T
 01061100 EL-TV1 59+ Nicaam Stereo D VK30T
 01061100 EL-TV1 Loud 50.750 F VK30T
 01061100 EL3AAU, EL4TBN wkg VK7RR H VK30T
 01061100 EL3SIX 599 B VK30T
 01061200 EL RTTY 51.030 B VK30T
 01061200 EL3SIX beacon 599 -1300 B VK30T
 01061430 EL3SIX 519 RE66 50.040 B VK3ALM
 01062200 EL-TV1 all offsets weak V VK30T
 01071145 EL TV Vid S7 55.250 V VK3ALM
 01071145 EL TV Vid S9 45.240 V VK3ALM
 01071145 EL3SIX 519 RE66 50.040 B VK3ALM
 01071214 EL4TBN 56- RE54 50.140 S VK3ALM
 01071219 EL3AAU 52- ---- 50.170 S VK3ALM
 01122200 NETV Video 55 45.250 V VK30T
 01122215 EL-TV Vide 539 45.2396/240 V VK30T
 01122215 EL-TV Vide 539 45.261/2604 V VK30T
 01122320 EL3NW 50.110 VK5
 01122355 EL3TY BS wkd 0005 50.150 S VK30T
 01130100 EL-TV1 59+stereo 51.915 F VK30T
 01130100 EL-TV2 vy weak NE 55.250 V VK30T
 01130300 EL-TV1 599 Wellington 45.25 V VK30T
 01130430 EL-TV1 53 Wellington 50.75 F VK30T
 01140000 ELTV 519 F2/E BS 45.250 V VK30T
 01140000 ELTV 529 45.240 V VK30T
 01140100 ELTV BS fm NE 45.250 +/- V VK30T
 01140100 ELTV Direct 559 45.2396 V VK30T
 01140400 EL-TV 59+ 45.2500 V VK30T
 01140400 ELTV 55 50.760 F VK30T
 01140430 EL-TV 599 45.2604 V VK30T
 01140435 EL-TV 55 45.2396 V VK30T
 01140440 EL-TV 59 50.750 F VK30T
 01140440 EL-TV 5A NICAM 51.000 D VK30T
 01140500 EL-TV2 519 SE 55.2396 V VK30T
 01140500 ELTV 519 45.2600 V VK30T
 01140500 ELTV 539 S Island 45 +/- V VK30T
 01140505 EL-TV 55 50.760 F VK30T
 01140515 EL-TV 539 55.2500 V VK30T
 01140515 EL-TV 559 45.2400 V VK30T
 01140600 EL-TV 319 45.2396 V VK30T
 01140600 EL-TV 599 45.2500/.2502 V VK30T
 01140630 EL-TV 67.750 F VK30T
 01140630 EL-TV 319 45.24/.2406/.261 V VK30T
 01140840 EL-TV 539 43.250 V VK30T
 0115XXXX EL-TV weak Es V SK1AA
 0116XXXX EL-TV Es V SK1AA
 01200500 EL-TV1,2,3 multiple+ Es V SK1AA
 01200900 NE-TV 45.250/45.260 V VK30T
 01201135 EL TV Scatter 45.250 V VK30T
 01202300 EL-TV1 59 all offsets 45.25 V VK30T
 01202330 EL-TV1 Sound readable 50.76 F VK30T
 01202335 EL3SIX RE66 559 50.040 B VK30T
 01202345 EL-TV2 539 55.240 V VK30T
 01202730 EL-TV (most) Es V SK1AA
 01202740 EL-TV1 BS fm H 45.250 V VK30T
 01202820 EL-TV1 559 45.240/250 V VK30T
 01202925 EL-TV 45.2600/2604/2502 V VK30T
 01202925 EL-TV 559-599 45.2500/2396 V VK30T
 01202925 EL-TV1 55-59+ SOUND 50.760 F VK30T
 01202930 EL-TV1 55 diff pgm 50.750 F VK30T
 01202930 EL-TV2 559 55.2396 V VK30T
 01250600 NE-TV1 weak 45.2610/45.240 V VK30T
 01250730 NE-TV1 45.2500/2501/2604 V VK30T
 01250730 NE-TV1 539 BS NE 45.2396 V VK30T

NICAM is New Zealand's digital stereo sound. Apparently it takes up quite a bit more bandwidth than the usual FM TV audio. I wonder if one or more of our readers "down under" could send us information on its characteristics sufficient to build a decoder for use here in the USA (on ZL-TV signals).

Reports of South America

ARGENTINA

01020900 LU9EHF FF95 -1100 50.0155 B SR6VE

BRAZIL: February 8-12 two Brazilian Islands, Furado and Frances will be QRV on "all bands SSB/CW" with calls ZY3CEJ (Furado) and ZZ0Z, ZW0Z, and ZX0Z (Frances). Among the suggested frequencies was 50100 for both CW & SSB.

Attn: All SMIRK Members

The following message was posted on the Internet on January 23, 1997.

HELP—

We are in the mist of making a membership list which will contain over 6000 members with call sign, address and smirk numbers. This new list will be a program that you can search for smirk members by either call sign or smirk number. before we can finish this list we need your help.

If you have changed your call sign in the past 20 years or more and if your old call sign is listed in either Buckmasters or QRZ callbook on line and it comes up with "no data found" we would like you to send us an e-mail with the correct call and your Smirk number, so we can update the Smirk membership list. We have experienced that over 150 call signs so far have come up with "no data found". We have experienced that 20-30 of these 150 have new calls that we were unaware of. We do not want to make any mistakes with your call sign that other members might think you don't exist.

Please email any changes.
 (ka0nno@cswnet.com)

Thank you.

73's George and Lisa
 N0EOQ KA6NNO---EM24

DX-peditions in planning

VE9AA is planning a DX-pedition to St. Paul Island June 13-21, 1997. The call will be CY9AA, and bands operated will be 160m through 2m. The operator lineup so far is VE9AA, VE1PZ, and K7BV. There may be room for one more operator (willing to pay his own way).

Jack, WA1CFS, is organizing a "serious" activity (CW, SSB, RTTY), all bands 10-160m, and 2 and 6m from St. Pierre et Miquelon (FP) in August.

The newly founded Oceania Radio DX Group is planning an (HF) activity from Willis Is. in 1997. Any chance we could get a mole into that group?

Beacon News

GB3RMK: (IO77UO) returned to the air on 50.060 MHz just before Christmas after being off the air since July for TX renovation. Many thanks to GM3WOJ the GB3RMK beacon keeper. 73s John G3UUT, RSGB VHF Beacon Co-ordinator

Marion Island, ZS8RI: the FM beacon on 50.450 MHz is still in continuous operation although it is presently transmitting into a dipole antenna favoring north and south. The tower holding the M2 6M5 came down in high winds and the beam is beyond repair with spares available locally. Although it is unknown at this time whether the new crew going to Marion Island in May will include an amateur operator, it is hoped that the beacon will stay on the island and remain in operation. If permission to leave the beacon is granted, a commercial grade vertical folded dipole will go down with the relief crew for installation by Chris before he leaves for home.

ZS0BDM: is a new experimental packet beacon on 50.750 MHz QRV daytime only (0300-1800Z). The antenna in use is a 5/8 vertical, the radio a Racal TR 71S with 2W FM. Eventually it will go to 50.800. It uses TPK 1.82. When connected, type /MSG to leave a message. Any reports would be welcome. There's also a BBS (ZS0BDM) on 50.750 MHz. Try to work the BBS as well. Reports on the ZS0BDM BBS to Louis, ZR6ABC@ZS0DLT.TVL.ZAF.AF Reports on the beacon to ZS6PVW@ZS6AI.TVL.ZAF.AF

W1RA: The beacon on 50.070 formerly identified as W2CAP/b is now identified as W1RA/b, Steve's new callsign. I replaced the ID EPROM at the site 9 January at about 2100 UT. Also checked the output power, which is just under 15 Watts. The vertically mounted folded dipole at 200 plus feet appears to be in excellent condition. BTW, the dipole is a relic originally manufactured circa 1958 by the long out of business Hi-Par Products Company of Fitchburg, Massachusetts. It has survived several bad storms and hurricanes since 1984. Wayne K1MUC

CS1ASP: Neil Carr, G0JHC, reports a new beacon from Portugal 300 Hz lower than CT0WW (50.030).

5W1WS: 5W1AU, Phil, received 6m beacon set from ZL2TPY while Phil was in ZL last month and Phil is going to run 5W1WS beacon on 50.050cw in AH46 with 10w output and 5el beam. The beacon is expected to be on the air by around January 18 according to Kerry. -tnx JA1VOK

YB0ZZ: beacon prepared by VK8RH was installed on 50.042 at Jakarta Repeater site in OI33 with GP at 20m high in December according to YC0UVO. --tnx JA1VOK

WB4WTC: has been off the air since last spring, but Roger is planning to re-run the beacon with W4MW/B or W4VHF/B in FM06 by this summer Es season according to W4MW.

JG1ZGW: beacon is running on 50.490 in PM95 with 7el beaming west at present for local propagation research.

JR6YAG: beacon which has been off the air since last spring, was back on 50.037 with 6el in early January and was heard by Es at 0220z on January 11. Antenna is going to be replaced with Turnstile by early February.

VK3SIX: VK3SIX beacon is restored 01/13/97 running 15 watts and beaming to North. Frequency is back to WIA FTAC assigned 50.053 and 28.253 (also 15 watts.) Antenna are directional 9 el for 6m at 100 feet and 5 el for 10m at 110 feet. Grid square is QF02wh site of Wannan Falls 300 km (197

road miles) from Melbourne Victoria Australia. (on the Hamilton to Mt Gambier highway.) The sole purpose of these beacons is to track the rising MUF and to highlight long distance propagation over selected external paths. Various effects are noted on the beacon locally when operating beams tip to tip at 20 km distance, including: 10M meteor bursts of extremely high amplitude (lesser on 50 Mhz) Aircraft enhanced signals on both 6 and 10M presumed side scatter, as I am not on a direct air route. E layer backscatter. F layer backscatter on 10m. de Sysop Steve VK3OT.

N5EAD: Beacon is back on for testing from EM-10, Austin, TX. It runs 4 Watts to a 5/8 Omni, vertical, at 50 Feet. Excellent horizon SW to N to SE. It can be found at 50.073 Mhz. 24 Hours.

K1IKN: is on 50.061 mhz. and runs at 25 watts into a vertical dipole. The antenna will be horizontal / omni directional at 80 feet in about two weeks (by the time you read this). The beacon is located in west greenwich R.I. at lat 41-37-19 long 71-33-31 ground elevation is 460 feet.

SE VHF Society Conference

The 1997 Southeastern VHF Society Conference will be held on Friday and Saturday, April 4 and 5, 1997 at the Atlanta Marriott Northwest Windy Hill located between Atlanta and Marietta, Georgia. The Marriott is located about 45 minutes from Atlanta Hartsfield International Airport. A special hotel room rate of \$69 per night plus tax is available for attendees. For reservations, call Marriott at 1-800-228-9290.

Jimmy Treybig, W6JKV, will be the Conference banquet speaker on Saturday evening. Jimmy is the founder and past president of Tandem Computers and is one of the world's leading experts on 50 MHz propagation.

The Conference Technical Program will include presentations by KA2DRH, K6QYX, WA4NJP, KM4YW, WC4X, WA4KXY and others. More details on the Technical Program will be available soon.

Conference registration is \$35, which includes a complete set of Conference Proceedings. The banquet fee for Saturday evening is \$30. A family program will be available featuring a CNN Center studio tour on Friday for \$12 including transportation, and admission to SciTrek, one of the top ten science centers in the nation, on Saturday for \$12 including transportation.

More Call Letter Changes

| | | |
|--------|------|--------------------------------------|
| WB6ASR | W6IT | CM87 Gregory Campbell, Cupertino, CA |
| WB6RAL | W6MT | CM87 George Flammer, Cupertino, CA |
| W8UCI | W8GF | EN82 Gerald Fasse, Warren, MI |

QSL Information

W6JKV: James Treybig, 10915 Bee Caves Rd, Austin, TX 78733

WA3HMK: Chris Patterson, 590 Valley Road, Lancaster, PA 17601-3418

K0CJ: Clair J. Robinson, 3308 Skyview Dr., Burnsville, MN 55337

K0BI: James M Roop, 2081 Lawson Blvd, Gurnee, IL 60031-1773

ON4KST: Stievenart Alain, Rue Bois du Prince 61, B-5640 Mettet, BELGIUM

G0JHC: Neil Carr, 15 Westlands, Leyland PR5 3XT Lancashire ENGLAND